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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/086,008	02/28/2002	Jacquelyn Annette Martino	US020031	1078

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS
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EXAMINER

WILDER, PETER C

ART UNIT PAPER NUMBER

2623

DATE MAILED: 09/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/086,008	MARTINO ET AL.	
	Examiner	Art Unit	
	Peter C. Wilder	2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 June 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>9/2/03</u> | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Note to Applicant

Art Units 2611, 2614 and 2617 have changed to 2623. Please make all future correspondence indicate the new designation 2623.

Drawings

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: Figure 6 teaches reference number 312 which is not in the specification. Figure 7 teaches elements 410, 415, and 360 which are not in the specification. Figure 8 teaches elements 520, 525, and 530 which are not in the specification. Figure 9 teaches element 615 which are not in the specification. Figure 10 teaches element 606 and 525 which are not in the specification. Figure 11 teaches element 665 which are not in the specification.

Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be

notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: On page 13 line 16 reference is made to element 775 which is not in any of the Figures. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

The disclosure is objected to because of the following informalities: Page 11 line 13 element 325 is listed twice.

Appropriate correction is required.

The examiner requests that the applicant double check the specification and the drawings to make sure other errors not noticed by the examiner do not still exist regarding figure numbering with regards to numbers not in the specification, but in the figures or numbers in the figures, but not in the specification.

Claim Rejections - 35 USC § 102

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Watts et al. (U.S. 5671411 B1).

Referring to claim 1, Watts teaches a device for displaying search results (Figure 2), comprising:

at least one user interface and supporting processor connected thereto (Figure 2), said user interface having at least one control and at least one output (Figure 2 teaches control elements 40 and 46 Column 4 lines 52-65);

said processor being configured to accept search results (Column 4 lines 52-65 teaches programming executing on a computer system);

said user interface being adapted to apply control signals responsive to user input indicating a first feature or each of said search results (Column 4 lines 52-65);

said processor being configured to generate display data including multiple symbols corresponding to respective ones of said search results such that ones of said search results having a same value of said first feature are indicated by a single symbol (Figure 2 teaches the programs/search results that have the same airing date being displayed, the single symbol being the date "10/4/94");

said processor being adapted to output said symbols for display by said user interface in the format of a list extending along a first axis of a display area (Figure 2 teaches outputting the symbols "10/4/94" in a column).

Second rejection of claim 1 below:

Claims 1-5 and 8-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Alexander et al. (U.S. 6177931 B1).

Referring to claim 1, Alexander teaches a device for displaying search results (Figure 3 teaches a display of search results from a device), comprising:

at least one user interface and supporting processor connected thereto (Column 5 lines 20-45 teaches a processor and Column 3 lines 1-6 teaches a monitor or television), said user interface having at least one control and at least one output (Column 3 lines 1-6 teach a television and PC monitor which are interfaces and Column 3 lines 20-36 and Figure 2 teach a control a remote control);

said processor being configured to accept search results (Column 5 lines 20-45 teach the components that make the system which includes a processor and displaying an EPG on the screen would require the processor, the EPG allows a user to search for a television program to watch thus is considered a search result, a user pressing the down arrow on the remote moves the EPG screen down one row to display new search results for a television program; Column 4 lines 49-56);

said user interface being adapted to apply control signals responsive to user input indicating a first feature or each of said search results (Column 3 lines 56-57 teaches the "select" key being pressed to enter the grid guide and Figure 3 teaches an output to the interface; The search results are the programs themselves and a first feature of the programs are the channel names);

said processor being configured to generate display data including multiple symbols corresponding to respective ones of said search results such that ones of said search results having a same value of said first feature are indicated by a single symbol (Figure 3 teaches the multiple channel names/symbols corresponding to the search results the programs, programs airing on the same channel are represented by the same symbol, for example the channel/symbol AMC represents the program remember and Young Phila...);

said processor being adapted to output said symbols for display by said user interface in the format of a list extending along a first axis of a display area (Figure 3 teaches the channel symbols being represented by column).

Referring to claim 2, depending on claim 1, Alexander teaches a device wherein:
at least some of said search results having a second feature (Figure 3 teaches the search results the television programs being represented by a second feature time);
said display data including symbols corresponding to multiple instances of said ones of said search results having a same value, each of said ones being selectively displayable by said user interface developed along a second axis of said display area (Figure 3 teaches the search results the programs being represented by the symbol 9:00 PM or 9:30PM the symbols on a second horizontal axis).

Referring to claim 3, depending on claim 2, Alexander teaches, wherein said ones are displayed by said user interface along said second axis of said display area by indicating said symbol corresponding to said ones (Figure 3 teaches the program/search result Remember... being represented by the number 9:00PM indicated on the screen and the program/search result Young Phila... being represented by the symbol 9:30PM indicated on the screen).

Referring to claim 4, depending on claim 2, Alexander teaches wherein said first axis defines a column (See rejection of claim 1).

Referring to claim 5, depending on claim 1, Alexander teaches wherein said ones are displayed by said user interface along said second axis of said display area on a display control (Figure 3 teaches ones being displayed along a horizontal axis).

Referring to claim 8, depending on claim 1, Alexander teaches wherein said search results are broadcast events (Figure 3 teaches broadcast events).

Referring to claim 9, depending on claim 1, Alexander teaches wherein said first feature includes channel (See rejection of claim 1).

Referring to claim 10 see the rejection of claims 1 and 9.

Referring to claim 11, depending on claim 10, see the rejection of claim 2.

Referring to claim 12, depending on claim 11, see the rejection of claim 3.

Referring to claim 13, depending on claim 11, Alexander teaches wherein said first axis is vertical (See rejection of claim 1, and Column refers to vertical) and said second is horizontal (See rejection of claim 2):

Referring to claim 14, depending on claim 10, see rejection of claim 5.

Claims 15-17 are rejected under 35 U.S.C. 102(b) as being anticipated by Florin et al. (U.S. 5583560 B1).

Referring to claim 15, Florin teaches a method of displaying search results, comprising:

receiving user data indicating a first feature about which to consolidate search results (Figure 22 and element 315 and Column 18 lines 11-15);

identifying search results having same values of said first feature (Figure 29 and Column 18 lines 63-67 and Column 19 lines 1-4 teaches search results baseball, subcategory, and football subcategory for example);

generating a display indicating each of said search results having said same values with a single symbol (Figure 29 teaches each search result baseball and football for example have the same value (both are sports) are both represented by a single each);

expanding said each of said search results such that additional information about said each is displayed in response to said single symbol being indicated by a user (Figure 29 and Column 19 lines 1-4 teaches that when the baseball symbol is selected then a expanded additional information displayed above).

Referring to claim 16, depending on claim 15, Florin teaches a method as in wherein said search results include broadcast events (Figure 29 teaches the search results baseball and football and element 361 teaches that the baseball search result includes broadcast events: example "Baseball Tonight").

Referring to claim 17, depending on claim 16, Florin teaches a method as in wherein said first feature includes at least one of title (The first feature sports includes a title as seen in Figure 29, for example the title "Baseball Tonight" is included in the feature sports).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Alexander et al. (U.S. 6177931 B1) in view of Young et al. (U.S. 5479268).

Referring to claim 6, depending on claim 5, Alexander fails to teach a device as wherein said display control permits selective expansion of details of said ones.

In an analogous art Young teaches a device as wherein said display control permits selective expansion of details of said ones (Figure 6 and element 52 and Column 6 lines 25-54).

At the time the invention was made it would have been obvious for one skilled in the art at the time the invention was made to modify the search results electronic program guide device of Alexander using the selective expansion of details device of

Young for the purpose of showing more detailed information about a program to a user such as program genre, rating, and run-time that obscure a minimum amount of useful other information (Column 2 lines 45-50, and Column 6 lines 30-43, Young).

Claim ~~7~~ is rejected under 35 U.S.C. 103(a) as being unpatentable over Alexander et al. (U.S. 6177931 B1) in view of Young et al. (U.S. 5479268) further in view of Allport (U.S. 6483548 B1).

Referring to claim 7, depending on claim 6, Alexander and Young fail to teach a device wherein said ones may be selectively aggregated about chosen third features.

In an analogous art Allport teaches a device wherein said ones may be selectively aggregated about chosen third features (Figure 1 and Column 3 lines 35-40).

At the time the invention was made it would have been obvious for one skilled in the art at the time the invention was made to modify the combined devices of Alexander and Young using the selective aggregation device of Allport for the purpose of displaying EPG data sorted by category so a user can find what program they want to watch faster.

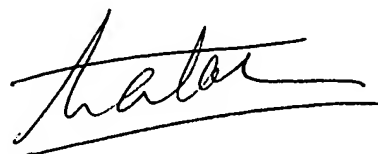
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter C. Wilder whose telephone number is 571-272-2826. The examiner can normally be reached on 8 AM - 4PM Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Grant can be reached on (571)272-7294. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PW



**HAI TRAN
PRIMARY EXAMINER**